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NEWS 5 Feb 14 Access via Tymnet and SprintNet Eliminated Effective 3/31/02
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NEWS 8 Mar 21 TECTHERMO no longer available
NEWS 9 Mar 21 US Provisional Priorities searched with P in CA/CAplus and USPATFULL
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NEWS 17 Apr 21 BIOSIS Gene Names now available in TOXCENTER
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= s microarray assay

L1 55 MICROARRAY ASSAY

= s nucleic acid microarray

L1 163 NUCLEIC ACID MICROARRAY

= s dendrimer or dendrimers

L1 5995 DENDRIMER OR DENDRIMERS

= s nucleic acid probes

L4 2719 NUCLEIC ACID PROBES

= s 13 and 14

L 4 13 AND 14

= d 13 1-4

L1 ANSWER 1 OF 4 LIFESCI COPYRIGHT 2002 CSA

AN 2000:46955 LIFESCI

TI Dendritic **Nucleic Acid Probes** for DNA

Biosensors

AU Wang, J.; Jiang, M.

CO Department of Chemistry and Biochemistry, New Mexico State University,

Las Cruces, New Mexico 88003, USA

SO Journal of the American Chemical Society [J. Am. Chem. Soc.], (19980800)

vol. 120, no. 32, pp. 8281-8282.

ISSN: 0002-7863.

DT Journal

FS N

LA English

SL English

L5 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2002 ACS

AN 2000:366111 CAPLUS

DN 133:13374

TI In situ hybridization method using **dendrimer nucleic acid probes**

IN Kofler, Andrea; Bichlmaier, Regina; Stoeckl, Ludwig

IA Metabion G.m.b.H. Gesellschaft fuer Angewandte Biotechnologie, Germany;
 Chrombios G.m.b.H.
 SO Ger. Offen., 19 pp.
 CODEN: GWXXRX
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19855110	A1	20000531	DE 1993-19855180	19981130
	WO 200005310	A1	20000608	WO 1993-EP9148	19991125
	W: AE, AL, AM, AT, AU, BE, BA, BB, BG, BF, BY, CA, CH, CN, CR, CU, DE, DK, DM, EE, ES, FI, GB, GD, GE, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TC, TM, TR, TT, TD, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AU, BY, EC, EG, EN, ES, FI, FR, GB, GR, HU, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NL, NO, NZ, PA, PE, PG, PH, PK, PL, PT, RE, RO, RU, SD, SE, SG, SI, SK, SL, SM, SN, SR, ST, SV, TD, TG, TH, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AU, BE,				
	BW: BR, CH, CL, CN, CO, DE, DK, DM, EE, ES, FI, FR, GB, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NL, NO, NZ, PA, PE, PG, PH, PK, PL, PT, RE, RO, RU, SD, SE, SG, SI, SK, SL, SM, SN, SR, ST, SV, TD, TG, TH, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AU, BE,				

PRAI DE 1993-19855180 A 19981130
 RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

LE ANSWER 3 OF 4 CAPLUS COPYRIGHT 2002 ACS
 AN 1999:1999:7 CAPLUS
 DN 191:1999:7
 TI A method for enhancing signals in immunoassay or nucleic acid hybridization assay
 IN Mitoma, Y; Ishiguro, Takahiko
 PA Tison Corp., Japan
 SO Jpn. Kokai Tokkyo Koho, 1999:1999:7 pp.
 CODEN: JTKXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 11111114	A2	19991810	JP 1998-21113	19980112

LE ANSWER 4 OF 4 CAPLUS COPYRIGHT 2002 ACS
 AN 1999:1999:5 CAPLUS
 DN 129:2002:5
 TI Hybridization nucleic acid probes for DNA biosensors
 IN Wang, Joseph; Jiang, Mian; Nilsen, Thor W.; Getts, Robert C.
 CE Department of Chemistry and Biochemistry, New Mexico State University,
 Las Cruces, NM, 88003, USA
 SO Journal of the American Chemical Society (1998), 120(32), 8281-8282
 CODEN: JACSAT; ISSN: 0002-7863
 PE American Chemical Society
 DT Journal
 LA English

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D0 1 L1 AND L2

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L0 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS
AN 2001:730719 CAPLUS
DN 135:283923
TI Use of **dendrimer** forming probes for the assessing the quality of
nucleic acid microarrays
IN Getts, Robert C.; Kadushin, James M.; Zuk, Ari
PA Polyprobe, Inc., USA
S1 PCT Int. Appl., 31 pp.
CODEN: PIXXDE
DT Patent
LA English
FAN.CNF 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001071786	A1	20011014	WO 2001-US10328	20010329
W: AF, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BE, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
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PRAI US 2000-192846P P 20000329

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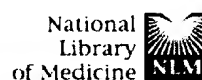
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- 1: Stears RL, Getts RC, Gullans SR. Related Articles
A novel, sensitive detection system for high-density microarrays using dendrimer technology.
Physiol Genomics. 2000 Aug 9;3(2):93-9.
PMID: 11015604 [PubMed - indexed for MEDLINE]
- 2: Gerhart J, Baytion M, DeLuca S, Getts R, Lopez C, Niewenhuis R, Nilsen T, Olex S, Weintraub H, George-Weinstein M. Related Articles
DNA dendrimers localize MyoD mRNA in presomitic tissues of the chick embryo.
J Cell Biol. 2000 May 15;149(4):825-34.
PMID: 10811824 [PubMed - indexed for MEDLINE]
- 3: Capaldi S, Getts RC, Javaseena SD. Related Articles
Signal amplification through nucleotide extension and excision on a dendritic DNA platform.
Nucleic Acids Res. 2000 Apr 1;28(7):E21.
PMID: 10710438 [PubMed - indexed for MEDLINE]
- 4: Sweeney TE, Bonadio JA, Freiman MA, Getts RT, Lloyd BT, McKeown K, Platt MP, Won JH. Related Articles
A new in vivo microvascular preparation of the hamster ovary.
Microcirculation. 1999 Dec;6(4):315-20.
PMID: 10654282 [PubMed - indexed for MEDLINE]
- 5: Stevens CW, Stamato TD, Mauldin SK, Getts RC, Zeng M, Cerniglia GJ. Related Articles
Radiation-induced recombination is dependent on Ku80.
Radiat Res. 1999 Apr;151(4):408-13.
PMID: 10190492 [PubMed - indexed for MEDLINE]
- 6: Orentas RJ, Rospkopf SJ, Casper JT, Getts RC, Nilsen TW. Related Articles
Detection of Epstein-Barr virus EBER sequence in post-transplant lymphoma patients with DNA dendrimers.
J Virol Methods. 1999 Feb;77(2):153-63.
PMID: 10092139 [PubMed - indexed for MEDLINE]
- 7: Getts RC, Stamato TD. Related Articles
Absence of a Ku-like DNA end binding activity in the xrs double-strand DNA repair-deficient mutant.
J Biol Chem. 1994 Jun 10;269(23):15981-4.

PMID: 8206892 [PubMed - indexed for MEDLINE]

8: Getts RC, Behe MJ.[Related Articles](#)

Isolated oligopurine tracts do not significantly affect the binding of DNA to nucleosomes.

Biochemistry. 1992 Jun 16;31(23):5380-5.

PMID: 1606163 [PubMed - indexed for MEDLINE]

9: Getts RC, Behe MJ.[Related Articles](#)

Eukaryotic DNA does not form nucleosomes as readily as some prokaryotic DNA.

Nucleic Acids Res. 1991 Nov 11;19(21):5923-7.

PMID: 1945878 [PubMed - indexed for MEDLINE]

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